Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY (Column 1) OTHER THAN (Column 2) TOTAL CLAIMS TYPE C OR SMALL ENTITY RATE FOR FEE RATE FEE NUMBER FILED NUMBER EXTRA BASIC FEE TOTAL CHARGEABLE CLAIMS BASIC FEE minus 20= X\$ 25= INDEPENDENT CLAIMS OR X\$50= minus 3 = MULTIPLE DEPENDENT CLAIM PRESENT X100= X200= OR ! If the difference in column 1 is less than zero, enter "0" in column 2 +180= OR +360= TOTAL CLAIMS AS AMENDED - PART II OR TOTAL (Column 1) OTHER THAN (Column 2) (Column 3) SMALL ENTITY CLAUIS 90 SMALL ENTITY HIGHEST REMAINING NUMBER AFTER PRESE/IT ADDI-PREVIOUSLY ADQI. MIENDMENT RATE TIONAL EXTOLA PAID FOR RATE TIONA Total FEE Minus 22 Independent X\$ 25= X\$50= Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X100= X200= OR +180= +360= OR TOTAL OR ADDIT. FEE 2-27-07 ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING AMENDMENT NUMBER ADDI-AFTER PRESENT PREVIOUSLY ADDI-EXTRA RATE TIONAL AMENDMENT PAID FOR HATE TIONAL Total FEE Minus FRE 22 Independent X\$ 25= xssb= Minus 2 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X100= X200= OR +160= OB +360 TOTAL ADDW, FEE ADDIT. FEE OR (Column 1) (Column 2) (Column 3) AMENDMENTC CLAIMS HIGHEST REMAINING NUMBER AFTER AMENDMENT ADDI-PRESENT PREVIOUSLY PAID FOR ADDI-**EXTRA** RATE TIONAL RATE TIONAL Total FEE Minus FEE Independent X\$ 25= X\$50= Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X100= X200= OR • If the entry in column 1 is tess than the entry in column 2, write "0" in column 3. +180= * If the "Highest Number Previously Pald For" IN THIS SPACE is less than 20, enter 20 OR +360= Highest Number Previously Paid For IN THIS SPACE is less than 3, enter 3. TOTAL TOTAL ADDIT. FEE

The "Highest Number Previously Paid For" (Total or Independent) is the highest number round in the appropriate box in column is